

In the Claims:

Cancel claims 1 and 5, add claims 11-13, and amend claims 2-3 and 6.

1. (Canceled).
2. (Currently amended). A hollow profile according to claim 4 15, wherein the depth (t) of the at least one groove (6.1, 6.2, 7.1, 7.2, 32) amounts to less than 1.5 times of the material thickness (d) of the flat material (31).
3. (Currently amended). A hollow profile according to claim 4 15, wherein each of the plurality of side walls (2.1, 2.2, 5.1, 5.2) has at least one groove provided thereon.
4. (Currently amended). A hollow profile according to claim 3, wherein the grooves, which are provided on the plurality of side walls, have a substantially same shape.
5. (Canceled).
6. (Currently amended). A hollow profile according to claim 4 15, wherein the flat material (31) is sheet steel.

7. (Withdrawn). A method of forming a hollow profile (1) formed of a flat material (31) having a width (d) and including at least one groove (32) provided on an outer side of at least one wall of the hollow profile (1) and having a bottom (8.1, 8.2, 9.1, 9.2) spaced from the outer side by depth (t) and two opposite substantially flat side walls (13.1, 13.2) extending substantially perpendicular to the bottom (8.1, 8.2, 9.1, 9.2), the method comprising the steps of:

forming a groove with a depth (T) greater than a predetermined end depth (t) of the at least one groove (32);

pressing a bottom (33) of the groove with the greater depth (T) in a direction opposite a direction of formation the groove with the greater depth (T) until the predetermined end depth (t) of the at least one groove (32) is substantially reached, with formation, as a result of a groove having a dovetail cross-section;

pressing a projecting material (36) of the dovetail groove backward;
and

bending the flat material (31) to a desired shape of the profile.

8. (Withdrawn). A method according to claim 7, wherein the projecting material pressing step includes pressing the projecting material (36) with a roll (35).
9. (Withdrawn). A method according to claim 7, further comprising the step of straightening the bottom (33) of the at least one groove after pressing backward the projecting material (36).
10. (Withdrawn). A method according to claim 9, further comprising the step of forming a material locking connection of free longitudinal edges of the bent flat material.
11. (New). A hollow profile (1) for positioning and guiding a connection part (26) of an assembly system and formed of a flat material (31); the hollow profile (1) comprising a plurality of side walls (2.1, 2.2, 5.1, 5.2); at least one groove (6.1, 6.2, 7.1, 7.2) provided on an outer side of at least one of the plurality of walls (2.1, 2.2, 5.1, 5.2) and having a cross-section corresponding to the shape of the connection part for longitudinally and laterally guiding same, the at least one groove having a bottom (8.1, 8.2, 9.1, 9.2) spaced from the outer side of the at least one of the plurality of walls by a depth (t) that amounts to from .5 to 2 times of a thickness of the flat material (31), two opposite,

substantially flat side walls (13.1, 13.2, 40.1, 40.2) extending substantially perpendicular to the bottom (8.1, 8.2, 9.1, 9.2) and having an even section (h) extending over a substantial portion of the groove depth (5), and at least one mounting opening 11.1, 11.2, 12.1, 12.2) formed in the bottom (8.1, 8.2, 9.1, 9.2) of the at least one groove and through which a fastening element for securing the connection element to the hollow profile is extendable.

12. (New). A hollow profile according to claim 11, wherein the portion of the groove depths the even section (h) of a flat side wall (13.1, 13.2; 9.1, 9.2) extends over amounts to about 70% of the groove depth (t).
13. (New). An assembly system, comprising at least one connection part (26); a hollow profile (1) for positioning and guiding the at least one connection part; and means (28) for securing the at least one connection part to the hollow profile, wherein the hollow profile (1) is formed of a flat material (31) and has a plurality of side walls (2.1, 2.2, 5.1, 5.2), at least one groove (6.1, 6.2, 7.1, 7.2) provided on an outer side of at least one of the plurality of walls (2.1, 2.2, 5.1, 5.2) and having a cross-section corresponding to the shape of the

connection part for longitudinally and laterally guiding same, the at least one groove having a bottom (8.1, 8.2, 9.1, 9.2) spaced from the outer side of the at least one of the plurality of walls by a depth (t) that amounts to from .5 to 2 times of a thickness of the flat material (31), two opposite, substantially flat side walls (13.1, 13.2, 40.1, 40.2) extending substantially perpendicular to the bottom (8.1, 8.2, 9.1, 9.2) and having an even section (h) extending over a substantial portion of the groove depth (5), and at least one mounting opening 11.1, 11.2, 12.1, 12.2) formed in the bottom (8.1, 8.2, 9.1, 9.2) of the at least one groove through which the securing means (28) extends.